

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	901	imag\$4 near4 ((determin\$7 detect\$4) near7 ((number content quant\$5) near5 color\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 09:55
S2	17	S1 and (label\$4 same ((number content quant\$5) near4 color\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:04
S3	54	S1 and ((label\$4 nam\$4) same ((number content quant\$5) near4 color\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:05
S4	32208	imag\$4 same (color\$1 near4 (unicolor specific\$5 "same"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/28 09:56
S5	280	S4 and deviation and threshold and variance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/28 09:57
S6	164	((color\$1 near4 imag\$4) same ((divid\$4 separat\$5 partit\$5 potion\$4) and (block\$1 rectangle\$1 area\$1 region\$1))) and (((obtain\$4 calculat\$6 generat\$6 determin\$6 detect\$6) near4 variance\$1) same (block\$1 rectangle\$1 area\$1 region\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/27 15:02
S7	17	S6 and (sett\$4 near5 threshold\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/27 15:17
S8	19	(determin\$7 near5 ((number\$1 quantit\$5) near4 color\$1)) same imag\$4 and (variance\$1 same (block\$1 rectangle\$1 area\$1 region\$1)) and threshold\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/27 15:57
S9	9	(determin\$7 near5 ((specific unicolor "same") near4 color\$1)) same imag\$4 and (variance\$1 same (block\$1 rectangle\$1 area\$1 region\$1)) and threshold\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/27 16:03

## EAST Search History

S10	1	((set\$4 obtain\$4) near4 threshold\$4) same variance\$1) same ((specific unique unicolor "same" single one) near4 color)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/27 16:06
S11	153	((set\$4 obtain\$4) near4 threshold\$4) same ((specific unique unicolor "same" single one) near4 color)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/27 16:12
S12	22	S11 and variance\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/27 16:13
S13	2595	((set\$4 obtain\$4) near4 threshold\$4) and ((specific unique unicolor "same" single one) near4 color)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/27 16:27
S14	482	S13 and variance\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/27 16:28
S15	132	((set\$4 obtain\$4) near4 threshold\$4) and (extract\$ near4 ((specific unique unicolor "same" single one) near4 color))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/27 17:01
S16	31	S15 and variance\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/27 16:28
S17	132	((set\$4 obtain\$4) near4 threshold\$4) and (extract\$ near4 ((specific unique unicolor "same" single one) near4 color))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/27 17:02
S18	135	((set\$4 obtain\$4) near4 threshold\$4) and (extract\$ near4 ((specific unique unicolor "same" single one) near4 color\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/27 17:02
S19	8368	382/100,162,165,193,194,199,202,225,270-273;345/589,593,597,601,602;348/453.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/27 18:13

## EAST Search History

S20	374	S19 and variance\$1 and threshold\$4 and color\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/27 18:13
S21	195	S19 and variance\$1 and threshold\$4 and ((extract\$4 determin\$6 detect\$4) near4 color\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/27 18:16
S22	17	S19 and (variance\$1 same threshold\$4 same ((extract\$4 determin\$6 detect\$4) near4 color\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/27 18:16
S23	22	US-5130791-\$.DID. OR US-5452408-\$.DID. OR US-5974171-\$.DID. OR US-6343141-\$.DID. OR US-6124945-\$.DID. OR US-6088469-\$.DID. OR US-6118787-\$.DID. OR US-6115495-\$.DID. OR US-6369916-\$.DID. OR US-6137903-\$.DID. OR US-6298150-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/27 18:54
S24	0	S23 and variance\$ and threshold\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/27 18:55
S25	6	US-5974228-\$.DID. OR US-5982944-\$.DID. OR US-6351558-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/27 19:53
S26	20	US-5912994-\$.DID. OR US-6115494-\$.DID. OR US-6272238-\$.DID. OR US-5504846-\$.DID. OR US-5418865-\$.DID. OR US-5742704-\$.DID. OR US-5912980-\$.DID. OR US-6529202-\$.DID. OR US-6512850-\$.DID. OR US-6546130-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/27 19:54
S27	2	"05298443".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/27 20:02
S28	2	"5649021".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 14:58

## EAST Search History

S29	58	imag\$4 same color same (standard near7 deviation) same variance\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 14:59
S30	42	S29 and threshold\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 15:00
S31	0	imag\$4 and (((extract\$5 near4 color\$4) with (part\$4 portion\$5 segment\$4)) same (threshold\$4 limit\$4)) and variance\$3 and (standard near3 deviation) and ((extract\$5 near5 color\$1) with (rest remainder whole all))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 13:09
S32	243	imag\$4 and ((extract\$4 remov\$4) with color\$3 with (part portion segment\$4 region\$4 area\$4)) and ((extract\$4 remov\$4) with color\$4 with (all total\$4 rest\$4 remainder))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:17
S33	291	(color\$4 same imag\$4) same ((threshold\$4 limit\$4) same variance\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:19
S34	8	S32 and S33	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:44
S35	3	extract\$4 near5 ((part portion segment region area) near5 color\$3) same variance same (standard near4 deviation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:49
S36	5029	extract\$4 same ((part portion segment region area) near5 color\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:50
S37	7517	((extract\$4 remov\$4) with ((part portion segment region area) near5 color\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:51

## EAST Search History

S38	569	(color\$4 same threshold\$4) and (variance\$1 and (standard near5 deviation))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:52
S39	58	S37 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/01 15:45
S40	1376	color\$4 and imag\$4 and (threshold\$4 same (standard near7 deviation\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 17:32
S41	116	S40 and (extract\$4 near4 region\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 17:33
S42	246	382/172.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/11 13:10
S43	25	S42 and color and deviation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/11 13:11
S44	30	S42 and color\$3 and deviation\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/11 14:40
S45	20	US-5912994-\$.DID. OR US-6115494-\$.DID. OR US-6272238-\$.DID. OR US-5504846-\$.DID. OR US-5418865-\$.DID. OR US-5742704-\$.DID. OR US-5912980-\$.DID. OR US-6529202-\$.DID. OR US-6512850-\$.DID. OR US-6546130-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/11 15:04
S46	22	US-5130791-\$.DID. OR US-5452408-\$.DID. OR US-5974171-\$.DID. OR US-6343141-\$.DID. OR US-6124945-\$.DID. OR US-6088469-\$.DID. OR US-6118787-\$.DID. OR US-6115495-\$.DID. OR US-6369916-\$.DID. OR US-6137903-\$.DID. OR US-6298150-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/11 15:15

## EAST Search History

S47	6	US-5974228-\$.DID. OR US-5982944-\$.DID. OR US-6351558-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/11 15:15
S48	12	"5168373"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 15:45
S49	24846	((resolution\$3 same (pixel\$4 color\$4)) and (resolution\$3 same (threshold\$4 level\$4 limit\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/02 14:37
S50	35748	((resolution\$3 same (pixel\$4 color\$4)) and (resolution\$3 same (threshold\$4 level\$4 limit\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/02 14:38
S51	10503	((resolution\$3 near4 (pixel\$4 color\$4)) same (resolution\$3 same (threshold\$4 level\$4 limit\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/02 14:38
S52	6256	((resolution\$3 near4 (pixel\$4 color\$4)) same (resolution\$3 with (threshold\$4 level\$4 limit\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/02 14:39
S53	5944	S52 and imag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/02 14:39
S54	26	((read near3 resolution\$3) near4 (pixel\$4 color\$4)) same (resolution\$3 with (threshold\$4 level\$4 limit\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/02 14:40

## EAST Search History

S55	226173	imag\$4 and (color\$4 pixel\$3) and (resolution\$1 near7 threshold\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 16:08
S56	1593	imag\$4 and (color\$4 pixel\$3) and (resolution\$1 near7 threshold\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 16:09
S57	665	imag\$4 and ((color\$4 pixel\$3) same (resolution\$1 near7 threshold\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 16:25
S58	33	imag\$4 and ((color\$4 pixel\$3) same (resolution\$1 near7 threshold\$4)) and (extract\$4 near4 color\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 16:26